Inventor: NAKATANI
Docket No.: 12844.0013USD1
Title: SEMICONDUCTOR DEVICE AND METHOD OF MANUFACTURING THE SAME
Attorney Name: Douglas P. Mueller
Phone No.: 612-371-5237
Sheet 1 of 9

FIG. 1

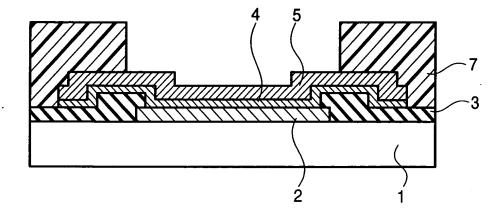


FIG. 2

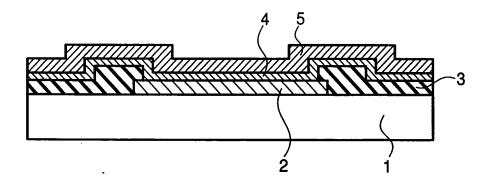
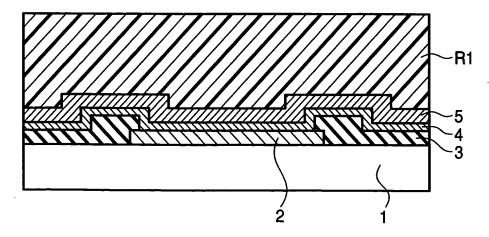


FIG. 3



Inventor: NAKATANI
Docket No.: 12844.0013USD1
Title: SEMICONDUCTOR DEVICE AND METHOD OF MANUFACTURING THE SAME
Attorney Name: Douglas P. Mueller
Phone No.: 612-371-5237
Sheet 2 of 9

FIG. 4

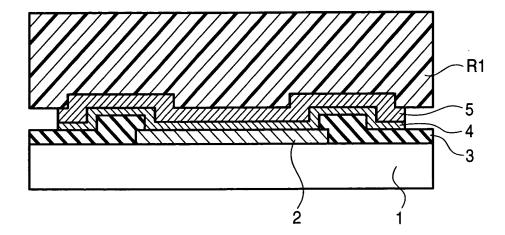


FIG. 5

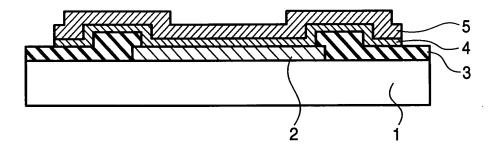
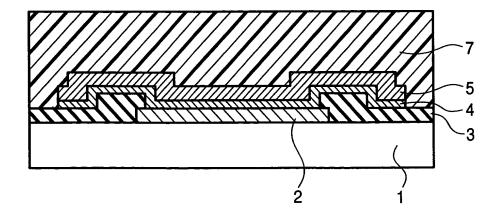


FIG. 6



Inventor: NAKATANI
Docket No.: 12844.0013USD1
Title: SEMICONDUCTOR DEVICE AND METHOD OF MANUFACTURING THE SAME
Attorney Name: Douglas P. Mueller
Phone No.: 612-371-5237
Sheet 3 of 9

FIG. 7

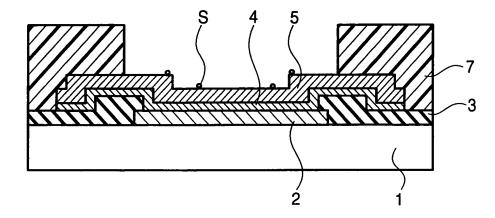


FIG. 8

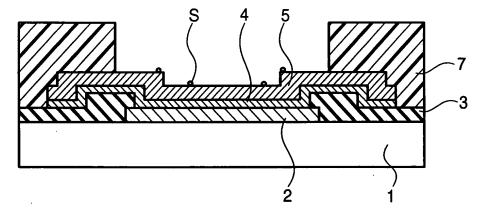
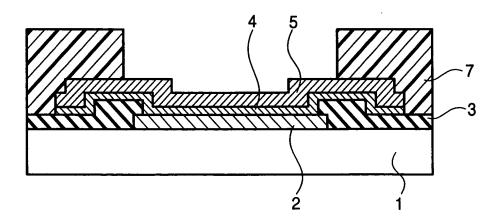


FIG. 9



Inventor: NAKATANI
Docket No.: 12844.0013USD1
Title: SEMICONDUCTOR DEVICE AND METHOD OF MANUFACTURING THE SAME
Attorney Name: Douglas P. Mueller
Phone No.: 612-371-5237
Sheet 4 of 9

4/9

FIG. 10

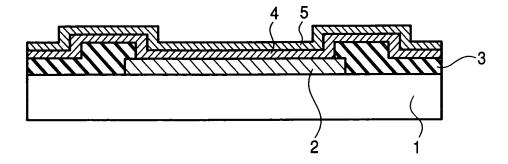


FIG. 11

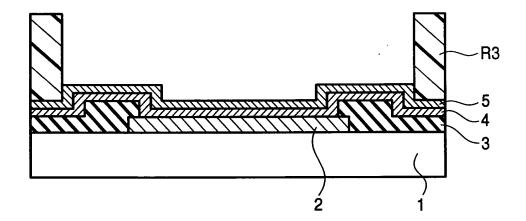
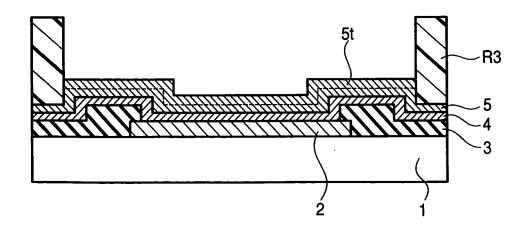


FIG. 12



Inventor: NAKATANI
Docket No.: 12844.0013USD1
Title: SEMICONDUCTOR DEVICE AND METHOD OF MANUFACTURING THE SAME
Attorney Name: Douglas P. Mueller
Phone No.: 612-371-5237
Sheet 5 of 9

FIG. 13

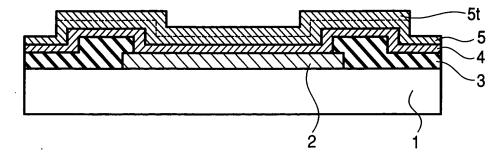


FIG. 14

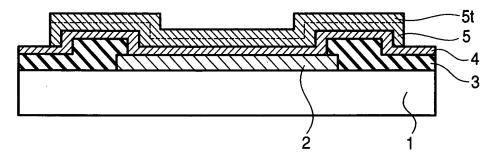


FIG. 15

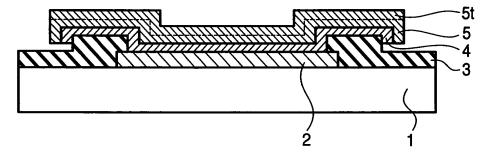
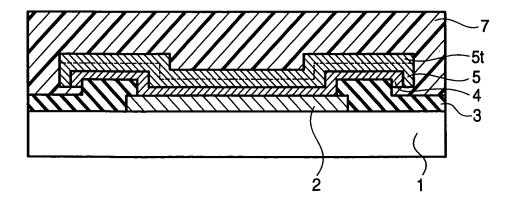


FIG. 16



Inventor: NAKATANI
Docket No.: 12844.0013USD1
Title: SEMICONDUCTOR DEVICE AND METHOD OF MANUFACTURING THE SAME
Attorney Name: Douglas P. Mueller
Phone No.: 612-371-5237
Sheet 6 of 9

FIG. 17

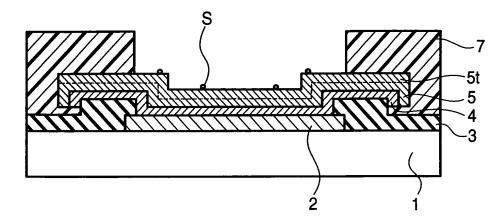


FIG. 18

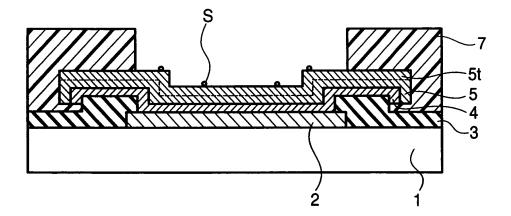
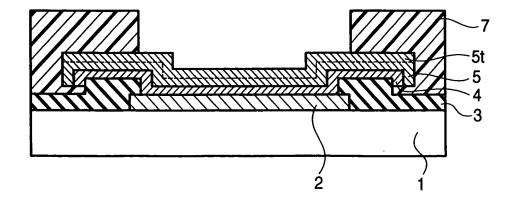


FIG. 19



Inventor: NAKATANI
Docket No.: 12844.0013USD1
Title: SEMICONDUCTOR DEVICE AND METHOD OF MANUFACTURING THE SAME
Attorney Name: Douglas P. Mueller
Phone No.: 612-371-5237
Sheet 7 of 9

FIG. 20

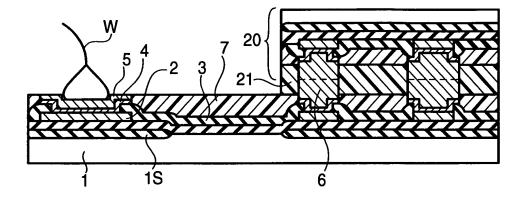


FIG. 21

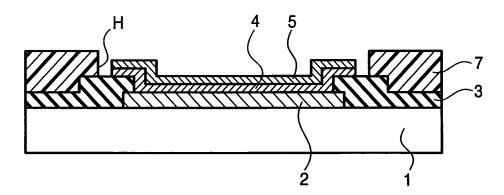
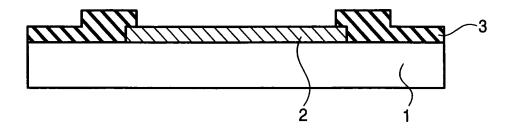


FIG. 22



Inventor: NAKATANI
Docket No.: 12844.0013USD1
Title: SEMICONDUCTOR DEVICE AND METHOD OF MANUFACTURING THE SAME
Attorney Name: Douglas P. Mueller
Phone No.: 612-371-5237
Sheet 8 of 9

FIG. 23

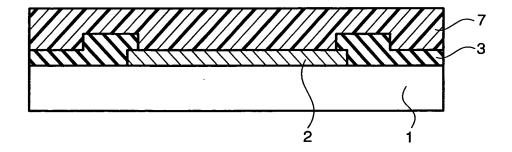


FIG. 24

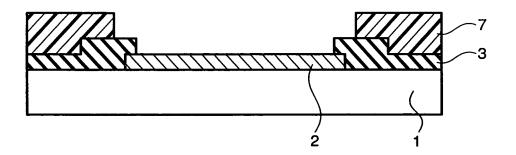
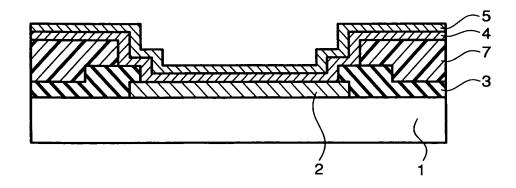


FIG. 25



Inventor: NAKATANI
Docket No.: 12844.0013USDI
Title: SEMICONDUCTOR DEVICE AND METHOD OF MANUFACTURING THE SAME
Attorney Name: Douglas P. Mueller
Phone No.: 612-371-5237
Sheet 9 of 9

9/9

FIG. 26

